SOFTWARE UPGRADE AND DOWNGRADE IN SYSTEMS WITH PERSISTENT DATA

ABSTRACT

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Disclosed is a system, method, and program storage device implanting the method for revising a software application wherein the software application utilizes persistent data, comprising applying an upgrade to a first next level of software that understands both old and new persistent data structure formats; converting all persistent data structures into the old

10 persistent data structure format; applying an upgrade to a second next level of software that understands the old and new persistent data structure formats; converting all persistent data structures into the new persistent data structure format; applying a downgrade to a first previous level of software that understands both the old and new persistent data structure formats; converting all persistent data structures into the old persistent data structure format; and applying

15 a downgrade to a second previous level of software that understands the old persistent data structure formats.

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